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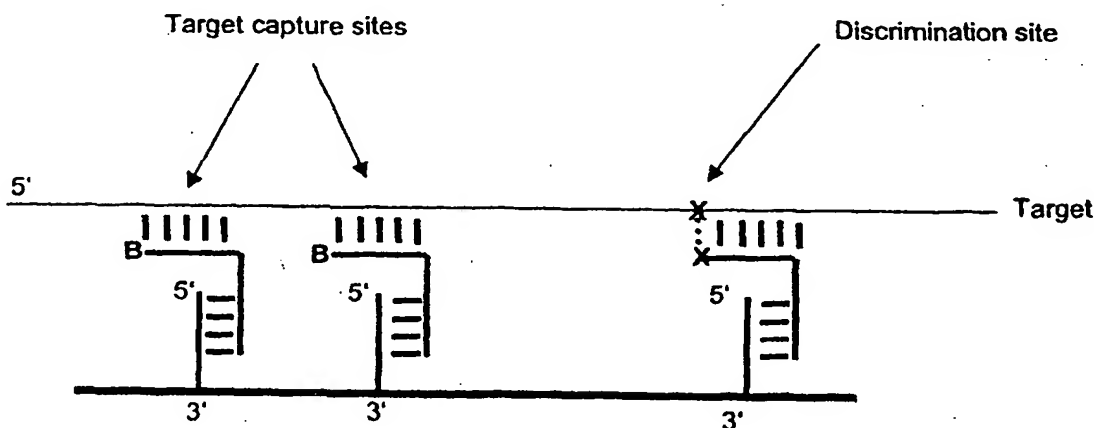
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(54) Title: SOLID PHASE BASED NUCLEIC ACID ASSAYS COMBINING HIGH AFFINITY AND HIGH SPECIFICITY



B = blocked nucleotide

(57) Abstract: The invention relates to methods for detection of nucleic acids on a solid phase, combining high affinity and high specificity. More particularly, the invention relates to methods combining high-affinity hybridization with highly specific enzymatic discrimination in solid phase based nucleic acid assays. This invention further relates to kits containing the reagents necessary for carrying out the disclosed assays.

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